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**FACSIMILE****Date:** April 20, 2005**Time Sent:**

<b>To:</b>	<b>Company:</b>	<b>Facsimile No:</b>	<b>Telephone No:</b>
Examiner: Krishnamurthy, Ramesh	USPTO Art Unit: 3753	703-872-9306	
<b>From:</b>	Jeffrey J. Miller	<i>Direct Phone:</i>	617.535.4421
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<i>Sent By:</i>		<i>Direct Phone:</i>	
<i>Client/Matter/Tkpr:</i>	056231-0386-5664	<i>Original to Follow by Mail:</i>	No
		<i>Number of Pages, Including Cover:</i>	15
<b>Re:</b>	Application No. 10/816,084		

**Message:**

In re Patent Application of:	Ambrosina, et al.	Art Unit:	3753
Application Number(s):	10/816,084	Examiner:	Krishnamurthy, Ramesh
Filing Date:	April 1, 2004	Confirm. No.:	9462
Title:	<b>Mass Flow Ratio System and Method</b>		
Docket Number:	56231-386 (MKS-90CN)		

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U.S. practice conducted through McDermott Will & Emery LLP.  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Ambrosina, et al. Art Unit: 3753  
 Application Number(s): 10/816,084 Examiner: Krishnamurthy, Ramesh  
 Filing Date: April 1, 2004 Confirm. No.: 9462  
 Title: Mass Flow Ratio System and Method  
 Docket Number: 56231-386 (MKS-90CN)

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being facsimile transmitted to Technology Center 3700 of the U.S. Patent and Trademark Office (Fax No. 703-872-9306) on April 20, 2005.

Jeff Miller



Via Facsimile 703-872-9306  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Applicant encloses herewith for filing in connection with the above-referenced patent application the following documents:

1. SUPPLEMENTAL AMENDMENT "A" for filing in response to Office Action of September 28, 2004.

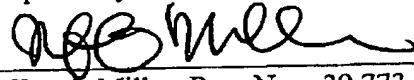
The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	29	28	1 x	\$50.00 =	\$50.00
Independent Claims	3	3	0 x	\$200.00 =	\$0.00
Multiple claims newly presented					\$0.00
Total of Above Calculations					\$50.00

The Commissioner is hereby authorized to charge the payment of the fees associated with this communication or credit any overpayment, to Deposit Account No. 50-1133, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Date: April 20, 2005

Respectfully submitted,-



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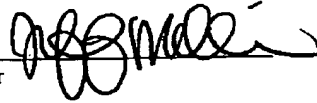
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Jeff Miller



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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT A

Sir:

In response to the Office Action mailed September 28, 2004, please further amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

BST99 1454678-1.056231.0459